FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS

16.1 (A) General

This section contains the rules and regulations pertaining to the provision of Frame Relay Service, TCP/IP Data Aggregation service and Digital Subscriber Line Service. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this tariff.

(C) Administrative Changes

Administrative changes to existing service will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name, i.e., the customer or record does not change but rather the name of record changes its name, e.g., XYZ Company to XYZ Communications,
- Change of customer premises address when the change of address is not a result of a physical relocation of facilities.
- Change in billing data (name, address, or contact name or telephone number),
- Change of customer contact name or telephone number, and
- Change of customer service element identification.
- Change of jurisdiction involving no physical changes to the service.

(D) Moves

A move involves a change in the physical location of the point of termination of service. A move normally involves an interruption of service for the period required to complete the move. No credit allowance will be granted for that period. Special Construction as set forth in Section 10 may also be applicable at the different CL. (T)

A customer may request that service not be interrupted during a move. To comply with that request, it may be necessary to install a duplicate service, and subsequently discontinue the existing service. Charges, monthly and nonrecurring, will apply for the duplicate service. A new minimum period will be established for the duplicate portion of the service, depending on which end of the service is moved. The customer will remain responsible for all minimum period charges associated with the corresponding portion of the disconnected service. (T) (T)

The charge for the move depends on whether the move is within the same CL or to a different CL. (T)

(1) Same CL (T)

When the move of a termination of FIA, as defined in Section 2.1.5, is to a new point within the same CL (same address and/or same building), the charge for the move will be the installation charge for the portion of the service being reterminated. There will be no change in the minimum period requirements. For services subject to payment plan regulations, the same payment period will remain in force.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS

16.1 (D) Moves (Cont'd)

(T)

(2) Different CL

(T)

(a) When the move is to a different CL (different address and different building), except as specified below, it will be treated as a disconnect and an installation of service. The appropriate service installation charge for the service termination(s) affected will apply. A new minimum period will be established for the installed service. The customer will remain responsible for all minimum period charges associated with the disconnected service. For services subject to payment plan regulations, a new payment plan will be established and full assessment of the remaining liabilities will be applicable.

(b) When the move is to a different CL but served by the same serving wire center, the following conditions apply: (T)

- A change ASR will be required.
- The appropriate service installation charge for the service termination(s) will apply.
- For services subject to payment plan regulations, if the customer of record remains the same with no lapse in service, the appropriate NRCs for changes will apply. Otherwise, the move will be treated as a disconnect and an installation of service and all appropriate NRCs and full assessment of the remaining liabilities will be applicable.

16.2 (Reserved for Future Use).

(This page filed under Transmittal No. 11)

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Frame Relay Service

(A) Service Description

Frame Relay Service (FRS) is a "fast packet" network service that permits the transmission of data at speeds of 56/64* Kbps, 128 Kbps, 256 Kbps, 384 Kbps, 1.544 Mbps, or 45 Mbps using Permanent Virtual Circuits (PVCs).

PVCs are logical circuits that define a specific path for data sent by the customer to another location. These circuits are virtual because they are established in software tables and do not tie up capacity when not in use. This also allows multiple paths (PVCs) to be defined on any given port, thereby providing a single access line the capability to transmit data to multiple destinations.

In operation of Frame Relay Service, customer premises equipment, such as routers, encapsulate arriving data into variable length frames. These frames contain information identifying which PVC in the network should be used to forward the frame to the proper destination. The customer premises equipment then sends the frame into the Frame Relay network. The Frame Relay switch reads identifying information and routes the frame to the proper destination based on a pre-established PVC path.

The statistical multiplexing Frame Relay switches are able to provide shared network resources to end users of this service.

Frame Relay Service conforms to ITU-T (Telecommunication Standardization Bureau of the International Telecommunication Union, formerly Consultative Committee for International Telegraph and Telephone ([CCITT]) and American National Standards Institute (ANSI) publications T1.602, T1.606, T1.617 and T1.618.

The Committed Information Rate (CIR) and the Maximum Burst Size (Be) are traffic management parameters that allow the customer to fine tune implementation of Frame Relay Service.

The Term Payment Plan (TPP) arrangements are available as set forth under 16.3.(E)(4).

(B) Service Provisioning

Frame Relay is a transport service that facilitates the exchange of variable length information units (frames) between end user connections by way of assigned virtual connections. Each frame is passed to the Frame Relay network with an address that specifies the virtual connection.

Variable frame length capability is useful in communications between asynchronous Local Area Networks (LANs) and for transport of synchronous data traffic. Frame Relay is capable of handling the requirements of bursty data sources because of the ability of the service to allocate additional bandwidth when not in use by other sources.

Frame Relay is provided to the customer in the form of the Frame Relay User-to-Network Interface (UNI) Port with Access Line, or Frame Relay UNI Port Only, Frame Relay Network-to-Network (NNI) Port Only, and Permanent Virtual Circuits (PVCs). The Frame Relay Access Line forms the component which provides the customer access to the customer's serving wire center and interoffice transport from the customer's serving wire center to the Frame Relay Switch. The Frame Relay Access line is provided for use only with Frame Relay Service. 45 Mbps is not offered bundled with the Frame Relay Access Line. 45 Mbps is available on a UNI or NNI port only basis and the DS3 access line is obtained from Section 5. The Frame Relay UNI and NNI Port Only offerings are provided for digital special access line connections to the network supporting Frame Relay Service. Digital special access lines are available from Section 5. For unbundled services, both the port and the digital special access line must be ordered by and billed to one customer.

* Upon request and where available.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS

16.3 Frame Relay Service

(B) Service Provisioning (Cont'd)

Ports are provisioned on a specified speed and Committed Information Rate (CIR) basis, depending upon the customer's request. The actual throughput of customer traffic cannot exceed the bandwidth of the access line and the port speed. Since multiple PVCs may be defined on one physical port, it is possible for the cumulative CIRs to exceed the physical bandwidth of that port. This is referred to as over-subscription and when this occurs, there can be no guarantee that the CIR defined for that port and PVC will be available at any point in time.

No PVC can have a CIR greater bit rate than the lower of the two port speeds connected by the PVC segment.

A PVC must be associated with at least one Frame Relay Port. A Frame Relay Port can be associated with multiple PVCs.

A customer subscribing to a FRS port or port with access line will be referred to as the Controller of the Frame Relay Port. A separate entity may subscribe, with written authorization from the Controller, to a PVC which allows communication between entities. A disconnect of a PVC does not result in the disconnect of the underlying access line and port. Only the Controller may order the disconnect of the Frame Relay Access Service. Both customers must have a Frame Relay Service. The Controller of each Frame Relay Access Service must have written permission from the Controller(S) of each of the Frame Relay Services to which a PVC is requested.

The Frame Relay Port with PVC CIR capacity may be ordered and billed separately from an associated frame relay port and PVC and can have different customers as Controllers.

The customer must specify at service subscription the Committed Information Rate (CIR) and the maximum Burst Rate (Be) for each port ordered. CIR is the maximum information rate at which the customer's traffic will be admitted to the Frame Relay network without being designated eligible for discard.

The value for the Burst Rate will be the lower of the two port speeds connected by the PVC segment. For example, if customer location A has a 56 Kbps port and customer location B has a 45 Mbps port, the Be for the PVC linking these two locations will be 56 Kbps.

Frame Relay to ATM PVC conversion is a Frame Relay Service option which permits PVC paths to be established between Frame Relay subscribers and ATM users when interworking is available.

Customers ordering a Frame Relay PVC must designate that the termination of the PVC will occur on an ATM service. In addition, the customer must designate the CIR of the PVC. A monthly recurring charge based upon the CIR of the PVC ordered, as set forth under 16.3(F)(1)(e), will apply for each PVC interworked to an ATM service in addition to the PVC CIR Capacity charge under 16.3(F)(1)(d).

The Telephone Company does not undertake to originate data, but offers the use of its service components, where available, to customers for the purpose of transporting customer-originated data.

Frame Relay Service is available where facilities and conditions permit.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(C) Obligations of the Telephone Company

In addition to the general conditions described in Section 2, when a customer requests a path which is related to other Local Exchange Carriers, Interexchange Carriers or other Frame Relay networks, the Telephone Company will provide assistance in establishing the associated PVC.

The Telephone Company has the service responsibility up to and including the network interface.

Occasionally, in order to perform software updates and other maintenance, it may be necessary to take the Frame Relay Switch out of service, during the predetermined maintenance window. In these cases, all attempts will be made to notify the customer in advance as to the time and duration of these outages. The Telephone Company reserves the right to temporarily interrupt Frame Relay Service at other times in emergency situations.

(D) Obligations of the Customer

In addition to the general conditions described in Section 2:

- The customer's Frame Relay terminal equipment has the responsibility for retransmitting frames which are discarded due to errors or network congestion.

- The customer, upon request, shall furnish such information as may be required to permit the Telephone Company to design and maintain the Frame Relay Service it offers and to assure that the service arrangement is in compliance with the regulations contained herein. At service subscription, the customer will be expected to specify the PVC CIR capacity and Be for each port ordered.

- It shall be the responsibility of the customer to ensure the continuing compatibility of the customer-provided equipment (CPE) that is used in conjunction with the Frame Relay Service. The CPE shall be in compliance with FCC rules and regulations.

- The customer shall be responsible for obtaining permission for the Telephone Company's agents or employees to enter the premises of the customer or its users at any reasonable hour for the purpose of installing, inspecting, repairing, or, upon termination of the service, removing the service components of the Telephone Company.

- Error correction is the responsibility of the customer's terminal equipment and/or applications. If the FRS network experiences congestion or failures, customer data may be discarded. In addition, frames that are received in excess of the Be, with bad addresses, or other errors, will be discarded on ingress to the network.

(E) Rate Regulations

(1) Minimum Period

The minimum period for Frame Relay Service is one month, except when provided under a Term Payment Plan (TPP) arrangement. The regulations applicable to Frame Relay Service provided under a TPP arrangement are specified under 16.3(E)(4). 45 Mbps Frame Relay UNI Ports are offered on a 1 year, 3 year or 5 year basis.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(E) Rate Regulations (Cont'd)

(2) Rate Elements

(a) Frame Relay UNI Port and Access Line

A nonrecurring charge and a monthly rate, based on the speed of the port connection (i.e., 56/64 Kbps, 384 Kbps or 1.544 Mbps), apply per port for each physical connection to the network supporting Frame Relay Service. Each port can accommodate multiple paths (PVCs). Clear channel capability, as necessary, is included at no additional charge.

(b) Frame Relay UNI or NNI Port only

A nonrecurring charge and a monthly rate, based on the speed of the port connection (i.e., 56/64 Kbps or 1.544 Mbps), apply per port for each Frame Relay Access Line or digital private line connection to the network supporting Frame Relay Service. Each port can accommodate multiple paths (PVCs).

(1) Network-to-Network Interface (NNI) Port Only.
The NNI port configuration is used for connecting two networks together for bidirectional messaging. Access facilities are available from Section 5.

(2) User-to-Network Interface (UNI) Port Only.
The UNI port provides for a user to carrier connection (i.e., end user customer to GTE). Access facilities are available from Section 5.

(c) Frame Relay PVC CIR Capacity

A monthly rate applies for the PVC CIR capacity for each port requested by the customer.

(d) Frame Relay to ATM Conversion

A monthly rate applies, based upon CIR ordered, for each PVC interworked to an ATM service. This charge is in addition to the Frame Relay PVC CIR Capacity rate element.

(3) Rate Application

A customer may access Frame Relay Service via a Frame Relay Access Line or via Telephone Company provided digital access facilities offered under Section 5. If a customer utilizes a special access line to access FRS, the associated regulations, rates and charges for such facilities shall apply in addition to the rates and charges associated with the FRS rate elements. The Special Access Surcharge set forth under 5.6.9 does not apply to Frame Relay connections.

A customer utilizing special access facilities to access FRS would incur the monthly rate and nonrecurring charge associated with the Frame Relay UNI or NNI Port Only charge set forth under 16.3(F)(1)(b) or 16.3(F)(1)(c) respectively for standard arrangements. The UNI Port provides for a user to frame relay switch connection; the NNI Port provides for a frame relay switch to frame relay switch connection.

The Frame Relay Port (unbundled or bundled with an access line) and its associated PVC segment(s) may be ordered and billed separately from an associated frame relay port and PVC and can have different Controllers, as discussed under 16.3(B). A request by one customer to discontinue a PVC does not result in the disconnection of the Frame Relay Access Line and Port. Only the Controller of a Frame Relay Access Line may authorize a disconnect of that line.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(E) Rate Regulations (Cont'd)

(4) Term Payment Plan (TPP)

(a) General

(1) The terms and conditions specified herein are applicable to Frame Relay Service and are in addition to other regulations as specified in this tariff.

(2) The Frame Relay UNI Port with Access Line, the Frame Relay UNI or NNI Port Only rate elements are available under a TPP. PVC CIR capacity is not offered under a TPP. Digital special access lines and additional features are available at their tariffed rates and regulations.

(3) Frame Relay TPP rates will not be greater than standard month-to-month Frame Relay rates, for the same rate elements.

(4) Three year and five year TPP rates will be equal to or less than the one year TPP rates. Decreases to the one year TPP rates will flow through to the three year and five year TPP rates.

(5) Payment periods of one year, three year, and five year are available to all customers at the applicable rates set forth in 16.3(F)(2) regardless of when they subscribe to a TPP arrangement. Rate elements must be ordered under the same TPP period.

(6) The customer must designate on the ASR the payment period for the TPP.

(7) Inside moves, provided in accordance with Section 5.6.4(A), will not incur termination liability charges.

(8) Outside moves, provided in accordance with Section 5.6.4(B), will allow the customer to retain the same TPP payment period. Any other move will be treated as a disconnect of the service and termination liability charges will apply.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(E) Rate Regulations

(4) Term Payment Plan (TPP) (Cont'd)

(b) Changes in Length of TPP Period

Prior to the completion of the selected TPP period, the customer may elect to convert to a new TPP period of the same or different length, subject to the following conditions:

- No credit toward the new payment period will be given for payments made under the original TPP arrangement.

- Nonrecurring charges will not be reapplied for existing service(s).

- If the new TPP period is shorter in length that the time remaining under the existing TPP, the change to the new TPP period constitutes a discontinuance of the existing TPP service and termination liability charges apply.

(c) Renewal Options

(1) At the expiration of a TPP period, the Telephone Company will automatically renew the service at the same TPP period unless the customer chooses to convert to a different TPP period, convert to month-to-month rates or discontinue service.

(2) Conversion to a different TPP period will require the customer to submit a change order ASR. Conversion of existing TPP service to a different TPP period will be allowed without application of any nonrecurring or ordering charges.

(3) Conversion to month-to-month rates will be treated as a disconnect of service and establishment of new service. However, if no other changes are ordered, no charge will apply.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(E) Rate Regulations

(4) Term Payment Plan (TPP) (Cont'd)

(d) Notification of Discontinuance

An ASR for discontinuance of a TPP arrangement must be received by the Telephone Company at least thirty (30) days prior to actual disconnect of service. Monthly charges will apply for a period of thirty (30) days from the date the Telephone Company receives disconnect notification or until the requested disconnect date, whichever period is longer.

(e) Upgrade to Higher Speed Service

Customers may elect to upgrade service(s) to a higher speed during a TPP period, subject to the following conditions:

- Both the existing and the new services are provided solely by the Company.

- The order to discontinue a service at an existing speed or capacity and the order for the upgraded service are received by the Company at the same time.

- The new service will be provided at the same customer location as the discontinued service.

- The fixed-period plan for the upgraded service(s) meets or exceeds the remaining length of the existing fixed-period plan.

- The total monthly rate of the new agreement is equal to or greater than the total monthly rate of the existing agreement period.

- The monthly rates for the upgraded services and/or service elements will be those in effect at the time of the service upgrade. The upgraded service will be subject to all appropriate nonrecurring charges.

- Termination liability charges will not apply as long as the upgraded service remains connected at the same point of termination(s) or meets the requirements set forth in Section 5.6.4(B)2.

(f) Termination Liability

When a TPP arrangement is discontinued prior to the end of the period, termination liability charges, as set forth below, will apply based on the remainder of the TPP period in effect at the time of disconnect.

One Year TPP - 50% of any remaining portion of the first year's recurring charges for the in service quantity.

Three Year TPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second and third years, the customer will be liable for 10% of the total monthly recurring charges in that time period for the in service quantity.

Five Year TPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second through fifth years, the customer will be liable for 10% of the total monthly recurring charges in that time period for the in service quantity.

(g) Termination Without Liability

During a TPP period, should the currently effective rate for a customer's service increase, the customer may, at his/her option, terminate the TPP arrangement without penalty or liability.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges

(1) Standard Arrangements

(a) Frame Relay UNI Port and Access Line, each*

	56/64# Kbps		1.544 Mbps	
	Nonrecurring Charge @@	Monthly Rate (FP8)	Nonrecurring Charge @@	Monthly Rate (FP8)
(USOC)				
Jurisdiction				
Iowa Telecom	295.00	140.00	395.00	625.00
Iowa Telecom Systems	295.00	140.00	395.00	625.00

	128 Kbps, 256 Kbps, 384 Kbps Nonrecurring Charge @@	128 Kbps Monthly Rate	256 Kbps Monthly Rate	384 Kbps Monthly Rate
(USOC)		(FP8)	(FP8)	(FP8)
Jurisdiction				
Iowa Telecom	395.00	200.00	280.00	365.00
Iowa Telecom Systems	NA	NA	NA	NA

* The PVC CIR capacity rate element under 16.3(F)(1)(d)(2) will also apply.

\# Upon request and where available.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

(1) Standard Arrangements (Cont'd)

(b) Frame Relay UNI Port Only, each@*

(USOC)	56/64# Kbps Nonrecurring Charge	56/64# Kbps Monthly Rate (FP9)	1.544 Mbps Nonrecurring Charge	1.544 Mbps Monthly Rate (FP9)
Jurisdiction				
Iowa Telecom	95.00	24.00	395.00	240.00
Iowa Telecom Systems	95.00	24.00	395.00	240.00

@ Refer to Section 5 for the appropriate Special Access Line rate.

Upon request and where available.

* The PVC CIR capacity rate element under 16.3(F)(1)(d)(2) will also apply.

(b) Frame Relay UNI Port Only, each@
45 Mbps

(USOC)	Nonrecurring Charge	Month-to-Month (FP9)
Jurisdiction		
Iowa Telecom	395.00	1,300.00
Iowa Telecom Systems	395.00	1,300.00

@ Refer to Section 5 for the appropriate Special Access Line.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

(1) Standard Arrangements (Cont'd)

(b) Frame Relay UNI Port Only, each* (Cont'd)

	128 Kbps, 256 Kbps, 384 Kbps@ Nonrecurring Charge	128 Kbps (2x64 Kbps/FT1) Monthly Rate	256 Kbps (4x64 Kbps/FT1) Monthly Rate	384 Kbps (6x64 Kbps/FT1) Monthly Rate
(USOC)		(FP9)	(FP9)	(FP9)
Jurisdiction				
Iowa Telecom	150.00	80.00	115.00	160.00
Iowa Telecom Systems	NA	NA	NA	NA

* The PVC CIR capacity rate element under 16.3(F)(1)(d)(2) will also apply.

@ Refer to Section 5 for the appropriate Special Access Line rate (FT1).

(c) Frame Relay NNI Port Only, each*

	128 Kbps@		256 Kbps@		384 Kbps@	
	Nonrecurring Charge	Monthly Rate	Nonrecurring Charge @@	Monthly Rate	Nonrecurring Charge @@	Monthly Rate
Iowa Telecom	NA	NA	NA	NA	295.00	78.00
Iowa Telecom Systems	NA	NA	NA	NA	NA	NA

	1.544 Mbps@		45 Mbps@	
	Nonrecurring Charge	Monthly Rate NN7	Nonrecurring Charge @@	Monthly Rate NN7
(USOC)				
Jurisdiction				
Iowa Telecom	295.00	180.00	595.00	800.00
Iowa Telecom Systems	295.00	180.00	595.00	800.00

* The PVC CIR capacity rate element under 16.3(F)(1)(d)(2) will also apply.

@ Refer to Section 5 for the appropriate Special Access Line rate.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

(1) Standard Arrangements (Cont'd)

(d) Frame Relay Permanent Virtual Circuit CIR Capacity, each

(2) Based on CIR Requested

	Monthly Rate			
(USOC)	0-32 Kbps (CORUK)	33-64 Kbps (CORUL)	65-96 Kbps (CORUM)	97-128 Kbps (CORUN)
Jurisdiction				
Iowa Telecom	8.00	15.00	21.00	25.00
Iowa Telecom Systems	8.00	15.00	22.00	27.00

	Monthly Rate			
(USOC)	129-192 Kbps (CORUO)	193-256 Kbps (CORUP)	257-320 Kbps (CORUQ)	321-384 Kbps (CORUR)
Jurisdiction				
Iowa Telecom	34.00	42.00	48.00	54.00
Iowa Telecom Systems	36.00	42.00	48.00	54.00

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

(1) Standard Arrangements (Cont'd)

(d) Frame Relay Permanent Virtual Circuit CIR Capacity, each (Cont'd)

(2) Based on CIR Requested (Cont'd)

	Monthly Rate			
(USOC)	385-512 Kbps (CORUS)	513-768 Kbps (CORUT)	769-1152 Kbps (CORUU)	1153-1536 Kbps (CORUV)
Jurisdiction				
Iowa Telecom	60.00	70.00	80.00	90.00
Iowa Telecom Systems	60.00	70.00	80.00	90.00

	Monthly Rate		
(USOC)	1,537 Kbps - 4,000 Kbps (CORUA)	4,001 Kbps - 10,000 Kbps (CORUB)	10,001 Kbps - 15,000 Kbps (CORUC)
Jurisdiction			
Iowa Telecom	120.00	250.00	330.00
Iowa Telecom Systems	120.00	250.00	330.00

(This page filed under Transmittal No. 1.)

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

(1) Standard Arrangements (Cont'd)

(d) Frame Relay Permanent Virtual Circuit CIR Capacity, each (Cont'd)

(2) Based on CIR Requested (Cont'd)

	Monthly Rate		
	15,001 Kbps - 20,000 Kbps	20,001 Kbps - 25,000 Kbps	25,001 Kbps - 30,000 Kbps
(USOC)	(CORUD)	(CORUE)	(CORUF)
Jurisdiction			
Iowa Telecom	410.00	490.00	570.00
Iowa Telecom Systems	410.00	490.00	570.00

	Monthly Rate		
	30,001 Kbps - 35,000 Kbps	35,001 Kbps - 40,000 Kbps	40,001 Kbps - 45,000 Kbps
(USOC)	(CORUG)	(CORUH)	(CORUJ)
Jurisdiction			
Iowa Telecom	650.00	730.00	800.00
Iowa Telecom Systems	650.00	730.00	800.00

(This page filed under Transmittal No. 1.)

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

(2) Term Payment Plan (TPP)

(a) Frame Relay UNI Port and Access Line, each*

(1) 56/64# Kbps

(USOC)	Nonrecurring Charge	One Year Monthly Rate FP8	Three Year Monthly Rate FP8	Five Year Monthly Rate FP8
Jurisdiction				
Iowa Telecom	295.00	135.00	125.00	120.00
Iowa Telecom Systems	295.00	135.00	125.00	120.00

Upon request and where available.

* The PVC CIR capacity rate element under 16.3(F)(1)(d)(2) will also apply.

(2) 128 Kbps

(USOC)	Nonrecurring Charge	One Year Monthly Rate FP8	Three Year Monthly Rate FP8	Five Year Monthly Rate FP8
Jurisdiction				
Iowa Telecom	395.00	180.00	165.00	160.00
Iowa Telecom Systems	NA	NA	NA	NA

* The PVC CIR capacity rate element under 16.3(F)(1)(d)(2) will also apply.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

(2) Term Payment Plan (TPP)

(a) Frame Relay UNI Port and Access Line, each*

(3) 256 Kbps

(USOC)	Nonrecurring Charge	One Year Monthly Rate FP8	Three Year Monthly Rate FP8	Five Year Monthly Rate FP8
Jurisdiction				
Iowa Telecom	395.00	250.00	235.00	220.00
Iowa Telecom Systems	NA	NA	NA	NA

* The PVC CIR capacity rate element under 16.3(F)(1)(d)(2) will also apply.

(4) 384 Kbps

(USOC)	Nonrecurring Charge	One Year Monthly Rate FP8	Three Year Monthly Rate FP8	Five Year Monthly Rate FP8
Jurisdiction				
Iowa Telecom	395.00	345.00	335.00	320.00
Iowa Telecom Systems	NA	NA	NA	NA

(5) 1.544 Mbps

(USOC)	Nonrecurring Charge	One Year Monthly Rate FP8	Three Year Monthly Rate FP8	Five Year Monthly Rate FP8
Jurisdiction				
Iowa Telecom	395.00	580.00	560.00	535.00
Iowa Telecom Systems	395.00	580.00	560.00	535.00

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

(2) Term Payment Plan (TPP) (Cont'd)

(b) Frame Relay UNI Port Only, each@*

(1) 56/64# Kbps (DDS)

(USOC)	Nonrecurring Charge	One Year Monthly Rate FP9	Three Year Monthly Rate FP9	Five Year Monthly Rate FP9
Jurisdiction				
Iowa Telecom	95.00	23.00	21.00	21.00
Iowa Telecom Systems	NA	NA	NA	NA

(2) 128 Kbps

(USOC)	Nonrecurring Charge	One Year Monthly Rate FP9	Three Year Monthly Rate FP9	Five Year Monthly Rate FP9
Jurisdiction				
Iowa Telecom	150.00	75.00	70.00	68.00
Iowa Telecom Systems	NA	NA	NA	NA

(3) 256 Kbps

(USOC)	Nonrecurring Charge	One Year Monthly Rate FP9	Three Year Monthly Rate FP9	Five Year Monthly Rate FP9
Jurisdiction				
Iowa Telecom	150.00	110.00	105.00	100.00
Iowa Telecom Systems	NA	NA	NA	NA

@ Refer to Section 5 for the appropriate Special Access Line rate.

* The PVC CIR capacity rate element under 16.3(F)(1)(d)(2) will also apply.

Upon request and where available

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

(2) Term Payment Plan (TPP) (Cont'd)

(b) Frame Relay UNI Port Only, each@* (Cont'd)

(4) 384 Kbps

(USOC)	Nonrecurring Charge	One Year Monthly Rate FP9	Three Year Monthly Rate FP9	Five Year Monthly Rate FP9
Jurisdiction				
Iowa Telecom	150.00	150.00	140.00	130.00
Iowa Telecom Systems	NA	NA	NA	NA

@ Refer to Section 5 for the appropriate Special Access Line rate.

* The PVC CIR capacity rate element under 16.3(F)(1)(d)(2) will also apply.

(b) Frame Relay UNI Port Only, each@*

(5) 45 Mbps

(USOC)	Nonrecurring Charge	One Year Monthly Rate FP9	Three Year Monthly Rate FP9	Five Year Monthly Rate FP9
Jurisdiction				
Iowa Telecom	395.00	1,270.00	1,230.00	1,200.00
Iowa Telecom Systems	395.00	1,270.00	1,230.00	1,200.00

@ Refer to Section 5 for the appropriate Access Line rate.

* The PVC CIR capacity rate element under 16.3(F)(1)(d)(2) will also apply.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

(2) Term Payment Plan (TPP) (Cont'd)

(b) Frame Relay UNI Port Only, each@* (Cont'd)

(6) 1.544 Mbps (DS1)

(USOC)	Nonrecurring Charge	One Year Monthly Rate FP9	Three Year Monthly Rate FP9	Five Year Monthly Rate FP9
Jurisdiction				
Iowa Telecom	395.00	230.00	220.00	210.00
Iowa Telecom Systems	395.00	230.00	220.00	210.00

@ Refer to Section 5 for the appropriate Special Access Line rate.

* The PVC CIR capacity rate element under 16.3(F)(1)(d)(2) will also apply.

(2) Term Payment Plan (TPP) (Cont'd)

(c) Frame Relay NNI Port Only, each@* (Cont'd)

(1) 384 Kbps (6x64 Kbps/FT1)

(USOC)	Nonrecurring Charge	One Year Monthly Rate NN7	Three Year Monthly Rate NN7	Five Year Monthly Rate NN7
Jurisdiction				
Iowa Telecom	295.00	75.00	72.00	69.00
Iowa Telecom Systems	295.00	75.00	72.00	69.00

@ Refer to Section 5 for the appropriated Special Access Line rate (FT1).

* The PVC CIR capacity rate element under 16.3(F)(1)(d)(2) will also apply.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

(2) Term Payment Plan (TPP) (Cont'd)

(c) Frame Relay NNI Port Only, each@* (Cont'd)

(2) 1.544 Mbps

(USOC)	Nonrecurring Charge @@	One Year Monthly Rate NN7	Three Year Monthly Rate NN7	Five Year Monthly Rate NN7
Jurisdiction				
Iowa Telecom	295.00	170.00	160.00	150.00
Iowa Telecom Systems	295.00	170.00	160.00	150.00

@ Refer to Section 5 for the appropriate Special Access Line rate.

* The PVC CIR capacity rate element under 16.3(F)(1)(d)(2) will also apply.

(c) Frame Relay NNI Port Only, each@ (Cont'd)

(3) 45 Mbps

(USOC)	Nonrecurring Charge	One Year Monthly Rate NN7	Three Year Monthly Rate NN7	Five Year Monthly Rate NN7
Jurisdiction				
Iowa Telecom	595.00	750.00	725.00	700.00
Iowa Telecom Systems	595.00	750.00	725.00	700.00

@ Refer to Section 5 for the appropriate Special Access Line rate.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.4 Reserved for Future Use)

16.5 TCP/IP Data Aggregation Service

(A) Service Description (USOC - XMO++)

There are two types of TCP/IP Data Aggregation Services offered, Modem Based Data Aggregation and Router Based Dedicated Data Aggregation.

- Modem Based Data Aggregation (offered in Iowa Telecom and Iowa Telecom Systems Service Groups) provides analog and ISDN dial-up channels which enable the customer to collect, concentrate, and transport traffic from end users to customer locations. (T)

- Router Based Dedicated Data Aggregation (offered in the Iowa Telecom Service Group) provides dedicated ports which provide the customer a point of presence (POP) to aggregate special access line circuits and efficiently route traffic from customers to their customer locations. (T)

All IP (Internet Protocol) addressing and authentication are the responsibility of the customer. TCP/IP Data Aggregation Services do not include the end user access service.

TCP/IP Data Aggregation Services will utilize TCP/IP protocols based on IETF (Internet Engineering Task Force) standards. IETF is the engineering arm of the IAB (Internet Architecture Board). IETF defines protocol standards for Internet services. This tariff supports the following standards:

IP	Internet Protocol
TCP	Transmission Control Protocol
SLIP	Serial Line IP
CSLIP	Compressed Serial Line IP
PPP	Point to Point Protocol
HSSI	High Speed Serial Interface – (not in Iowa Telecom Systems)

TCP/IP data aggregation services are available where facilities and conditions permit.

(B) Obligations of the Telephone Company

The Telephone Company has the service responsibility up to and including the network interface. Special Access Lines and Special Transport beyond the TCP/IP data aggregation service are available from Section 5 and Frame Relay from Section 16.

The Telephone Company will notify the customer of the completion and readiness of the requested TCP/IP Data Aggregation Service.

Equipment to provide TCP/IP Data Aggregation Service will be selected at the discretion of the Telephone Company. Customer requests regarding the configuration and design of the equipment will be considered by the Telephone Company and employed in equipment selection when possible.

(C) Obligations of the Customer

The customer is responsible for obtaining an appropriate IP address.

The customer’s equipment must be compatible with the Telephone Company's equipment.

The customer shall furnish information as may be required by the Telephone Company to design and maintain the service and to assure that the service arrangement is in compliance with the regulations contained herein.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(C) Obligations of the Customer (Cont'd)

- The customer's equipment must be in compliance with FCC rules and regulations.

- The customer must maintain software configuration, software management, and authentication control.

- The customer must notify the Telephone Company when customer acceptance testing has been completed.

(D) Rate Regulations

(1) Minimum Period

(a) The minimum service period for Modem Based Data Aggregation is four years for initial enrollment with two options for extension during the total time of subscription. A five year rate plan is also available.

(b) The minimum service period for Router Based Data Aggregation is two years.

(c) For all TCP/IP data aggregation services, the billing will commence on the date customer acceptance has been completed or the 60th calendar day following the date of the Telephone Company's notification to the customer of site completion, whichever is sooner.

(2) Rate Application

(a) Modem Based Data Aggregation Service rates will be applied on a monthly basis per combined analog or ISDN dial-up channels based upon the total number of billed channels statewide. Rates are based on a tiered structure. A dial up channel is defined as an individual circuit from the central office circuit switch to the modem pool.

In the 4 year rate plan for Modem Based dial up TCP/IP, in the Iowa Telecom Service Group, the tiers will be: 4,000-7,999, 8,000-11,999, 12,000-15,999, 16,000-23,999; 24,000-31,999; 32,000-39,999; and, 40,000 channels or more on a statewide basis; In the Iowa Telecom Systems Service Group, the tiers will be: 500-599, 1000-2,999, 3,000–4,999, 5,000-6,999, 7,000-8,999 and 9,000-10,999. (T)

In the 5 year rate plan for modem based TCP/IP dial-up channels, in the Iowa Telecom Systems Service Group, the tiers will be: 8,000-11,999, 12,000-23,999, 24,000-39,999, and 40,000 or more on a statewide basis. There is no 5 year plan in the Iowa Telecom Systems Service Group. (T) (T)

In the 6 year rate plan for modem based TCP/IP dial-up channels, in the Iowa Telecom Systems Service Group the tiers will be: 40,000-59,999, 60,000-79,999, 80,000-99,999, 100,000-119,999, 120,000-139,999, 140,000-159,999, 160,000-179,999, 180,000-199,999, and 200,000 or more channels on a statewide basis; In the Iowa Telecom Systems Service Group the tiers are: 11,000-15,999, 16,000-22,999, and 23,000 or more statewide channels. (T) (T)

In the 7 year rate plan in the Iowa Telecom Service Group for modem based TCP/IP dial-up channels, the tiers will be: 200,000-299,999 and 300,000 or more channels on a statewide basis. When the (T)

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(D) Rate Regulations (Cont'd)

(2) Rate Application (Cont'd)

(a) aggregated member of billed channels reaches 300,000 or more, there are three tiers for billing each of the first 300,000 channels and a separate rate for each additional channel exceeding 300,000. The tiers are 300,000-349,999, 350,000-399,999 and 400,000 or more total aggregated billed channels. There is no 7 year plan applicable to the Iowa Telecom Systems Service Group. (c)

(b) The total number of analog and ISDN Modem Based Data Aggregation channels will determine the rate to be applied to all dial-up channels at each central office. For example, in the Iowa Telecom Service Group if the total number of dial-up channels is 9,250, (c) all dial-up channels will be rated at the rate for the 8,000-11,999 tier. In those cases where customer orders are awaiting site completion beyond 30 days after ASRs have been verified by the Telephone Company to be provisionable, the rate tier will be determined based upon the total channels billed. Once site completion occurs, 16.5(D)(1)(c) is applicable.

(c) Dedicated router ports Router Based Dedicated Data Aggregation are totaled separately from Modem Based Data Aggregation Service and rates based on the tiers specified for dedicated ports. A dedicated port is defined as a TCP/IP termination on a router based aggregation device. Each dedicated port termination has a given unit value that is totaled to determine pricing. A Platform Placement Charge, as set forth under 16.5(E)(b)(f), is applied per router based aggregation device deployed in a central office for the customer. Each Router Based Data Aggregation Dedicated platform may have its own term commitment period

(d) For router based dedicated TCP/IP, the tiers will be: 30-59, 60-99 and 100 and Over, on a statewide basis. Dedicated port offerings include Serial DS1 access, HSSI DS3 access, Channelized DS3 access, SONET OC-3c, SONET OC-12c single mode access and IP Channel access, where facilities and conditions permit.

? The Serial DS1 access is a 1.544 Mbps connection incorporating a CSU/DSU functional interface. A Serial DS1 access counts as 1 unit.

? The HSSI (High Speed Serial Interface) DS3 access is a non-channelized 45 Mbps connection incorporating a CSU/DSU funtional interface. The HSSI DS3 access counts as 1 unit.

? The SONET OC3c access is a full-duplex 155 Mbps (STS-3C) intermediate reach single-mode optical SONET/SDH (Sychronous Digital Hierarchy) interface, with no CSU/DSU functionality. The SONET OC3c access counts as 1 unit.

? The SONET OC12c access is a full duplex 622 Mbps (STS-12C) intermediate reach single-mode optical SONET/SDH (Synchronous Digital Hierarchy) interface with no CSU/DSU functionality. The SONET OC12c access counts as 1 unit.

? The Channelized DS3 access is a 45 Mbps connection having the ability to provide 28 DS1 channels using the appropriate demultiplexing equipment, with no CSU/DSU functionality. The Channelized DS3 access counts as 1 unit.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(D) Rate Regulations (Cont'd)

(2) Rate Application (Cont'd)

(d) (Cont'd)

The IP Channel access is a single 1.544 Mbps port connection incorporating a channelized DS3 interface board within a router and DS3 multiplexing equipment in a Telephone Company switching wire center where the Router Based Dedicated Data Aggregation platform resides. Up to 28 IP Channel ports can be provided on a single DS3 system. One IP Channel access charge applies for each DS1 access line terminated on the DS3 multiplexing equipment, and each counts as 1 unit.

Frame Relay 1.544 Mbps Service, when used in connection with IP Channel, may be ordered as a UNI port only application from Section 16.3 with DS1 transport from Section 5, as appropriate. In this case, the customer must provide, on the order, the channel assignment within the IP Channel multiplexing system for termination to the Frame Relay Port.

(e) The total number of units in service associated with dedicated port access will determine the rate to be applied to all dedicated channels at each central office. For example, if the total number of dedicated units is 92, all dedicated access will be rated at the applicable dedicated access rate for the 60-99 tier, and the selected commitment period.

(f) Shared use (ratcheting) is not permitted.

(3) Term of Commitment

The Modem Based Data Aggregation Service is initially offered as a four year or five year commitment period.

With the exception of IP Channel access, the Router Based Dedicated Data Aggregation Service is initially offered as a two, three, or four year commitment. IP Channel is only offered on a Router Based Dedicated Data Aggregation site established under a three or four year commitment period. The commitment period must be selected by the customer at service enrollment. The customer may upgrade to a longer term at any time.

(4) Commitment Levels

An implementation period not to exceed six months from the customer's specified enrollment date for the 2, 3 or 4 year rate plans for Router Based Dedicated Data Aggregation Service, 4 year rate plan for Modem-Based Data Aggregation Service and twelve months for the 5 year rate plan will be negotiated between the Telephone Company and the customer. During implementation, the applicable rate will be determined by the total number of modem channels or dedicated ports in service. However,

(a) In the Iowa Telecom Service Group under the 4 year rate plan for modem based data aggregation if the total number of dial-up channels during implementation is less than 4,000, the rate for 4,000-7,999 will apply. Following the six months implementation period the minimum monthly nationwide commitment is 4,000 combined analog and ISDN dial-up channels. The commitment level will apply to TCP/IP total dial-up channels. (T)

In the Iowa Telecom Service Group, if the total number of dial-up channels during implementation is less than 500 channels, the analog rate for 500-599 channels will apply. Following this implementation period the minimum monthly statewide commitment is 500 analog and ISDN Channels. The commitment level will apply to TCP/IP total channels. An allowance of minus 2% will be considered as having met the commitment level. (T)

(This page filed under Transmittal No. 4.)

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(D) Rate Regulations (Cont'd)

(4) Commitment Levels (Cont'd)

(b) In the Iowa Telecom Service Group, under the 5 year rate plan for modem based data aggregation, if the total number of dial-up channels during implementation is less than 8,000, the 8,000-11,999 rate will apply. Following the twelve month implementation period, the minimum monthly nationwide commitment is 8,000 combined analog and ISDN dial-up channels. The commitment level will apply to TCP/IP total dial-up channels. The 5 year rate plan is not available in the Iowa Telecom Systems Service Group. (T)

(c) For Router Based Dedicated Data Aggregation, if the total of dedicated port units during implementation is less than 30, the rate for 30-59 DS1 Serial Access units will apply. Following implementation, the minimum monthly commitment is 30 dedicated units. Each Serial DS1, HSSI DS3, Channelized DS3, SONET OC-3c, OC-12c single-mode access and IP Channel access will be counted as one unit towards meeting the 30 unit commitment level. (T)

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(D) Rate Regulations (Cont'd)

(5) Changes to Commitment Level

Once activated, the total statewide quantity of analog and ISDN channels or total quantity of dedicated ports must remain in service for the remainder of the commitment period. An allowance of a 2% decrease to the combined in service quantities of analog and ISDN channels or a 5% decrease to the in service unit quantities of dedicated access (quantified at each quarterly review) will be permitted. Penalties for not meeting the commitment level are set forth under 16.5(D)(8).

(6) Service Enrollment

(a) When the customer elects to enroll in Modem Based Data Aggregation Service, the customer must specify in writing a 4 year or 5 year rate plan selection and the enrollment date (which will be the anniversary date). The specified enrollment date must be within 90 days from receipt of the written enrollment request. The customer must also specify the central offices to be included. By the enrollment date, ASRs must be issued to provide the appropriate amount of TCP/IP Channels to fall within the commitment range specified in 16.5(D)(4)(a) or 16.5(D)(4)(b) as appropriate.

At enrollment, the minimum modem based services per central office is 24 analog channels or 23 ISDN channels.

The maximum number of central offices deployed to meet the 4,000 minimum analog and/or ISDN channel commitment for Iowa Telecom Service Group is 60 separate central offices. 8,000 analog and/or ISDN channels will have a maximum of 120 central offices, 16,000 analog and/or ISDN channels will have a maximum of 240 central offices and 24,000 or more analog and/or ISDN channels will have a maximum of 320 central offices. The 320 central office maximum is maintained for all channel quantities above 24,000. (T)

The maximum number of central offices deployed to meet the 500 minimum analog and/or ISDN channel commitment is eight separate central offices. 1,000 analog and/or ISDN channels will have a maximum of 16 central offices, 3,000 analog and/or ISDN channels will have a maximum of 45 central offices and 5,000 analog and/or ISDN channels will have a maximum of 75 central offices.

Subsequent to enrollment, growth ASR orders require a 24 channel analog or 23 ISDN minimum.

(b) When the customer elects to enroll in Router Based Dedicated Data Aggregation Service, the customer must specify in writing, the enrollment date (which will be the anniversary date). The specified enrollment date must be within 120 days from receipt of the written enrollment request. The customer must also specify the central offices to be included and select a commitment period (2, 3, or 4 years). Each platform deployed in a central office for the customer will have its own term commitment period. By the enrollment date, ASRs must be issued to provide the appropriate amount of dedicated port units to fall within the commitment range specified in 16.5(D)(4)(c).

The minimum number of central office deployed to meet the 30 unit commitment is 2 separate central offices.

Subsequent to enrollment, growth ASR orders require a dedicated one unit minimum.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(D) Rate Regulations (Cont'd)

(6) Service Enrollment (Cont'd)

The maximum number of central offices deployed to meet the 500 minimum analog and/or ISDN channel commitment is eight separate central offices. 1,000 analog and/or ISDN channels will have a maximum of 16 central offices, 3,000 analog and/or ISDN channels will have a maximum of 45 central offices and 5,000 analog and/or ISDN channels will have a maximum of 75 central offices.

Subsequent to enrollment, growth ASR orders require a 24 channel analog or 23 ISDN minimum.

(b) When the customer elects to enroll in Router Based Dedicated Data Aggregation Service the customer must specify in writing, the enrollment date (which will be the anniversary date). The specified enrollment date must be within 120 days from receipt of the written enrollment request. The customer must also specify the central offices to be included and select a commitment period (2, 3, or 4 years). Each Router Based Dedicated Data Aggregation Service platform deployed in a central office for the customer will have its own term commitment period. By the enrollment date, ASRs must be issued to provide the appropriate amount of dedicated port units to fall within the commitment range specified in 16.5(D)(4)(c).

The minimum number of central office deployed to meet the 30 unit commitment is 2 separate central offices.

Subsequent to enrollment, growth ASR orders require a dedicated one unit minimum.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(D) Rate Regulations (Cont'd)

(7) Quarterly Review

Each customer's service commitment will be reviewed quarterly beginning with the first six months following enrollment. The customer will be notified in writing as to the status of the commitment requirements. This notification will inform the customer of any shortfall in the channel quantity level. Penalties for a missed commitment level are set forth under 16.5(D)(8) and 16.5(D)(11).

(8) Penalties for Failing to Obtain the First Six Month/4 Year or First Twelve Month/5 Year Commitment Level

(a) In the Iowa Telecom Service Group, at the first quarterly review, when the number of Modem Based Data Aggregation Service channels is less than the acceptable commitment range, the following penalty charges will apply, based on the difference between the commitment level less 2% for analog and ISDN dial up channels. Dial-up channel quantity shortfalls of in service units below the minimum commitment level will incur a liability charge of 50% of the 4,000-7,999 channel rate per month, per unit below the commitment level until the enrollment commitment is obtained. (T)

(b) In the Iowa Telecom Service Group, at the first quarterly review, when the number of Router-Based Dedicated Data Aggregation Service dedicated port units is less than the acceptable commitment range, the following penalty charges will apply, based on the difference between the commitment level less 5%. Dedicated port unit quantity shortfalls will incur a liability charge of 50% of the 30-59 Serial DS1 access rate per month, per unit below the commitment level until the dedicated port unit commitment is obtained. The minimum commitment level is 30 units billable at the full 30-59 Serial DS1 access rate. The 5% allowance applies only to quantities greater than the 30 unit minimum requirement. (T)

(c) In the Iowa Telecom Systems Service Group, at the second quarterly review, when the number of channels is less than the acceptable commitment range, the following penalty charges will apply, based on the difference between the commitment level less 2%. Channel quantity shortfalls of in service units below the minimum commitment level will incur a liability charge of 50% of the 500-999 analog channel rate per month, per unit below the commitment level until the enrollment commitment is obtained. (T)

(9) Service Availability

During the subscription period commencing at the enrollment date, the Telephone Company objective level of service availability will be 95% of the monthly hours of operation for each central office. Should the service availability actually be less than 95% of monthly hours for the average channel of a central office (e.g., 30 days x 24 hrs. x .95 = 684 hrs.), the customer may terminate subscription for that central office without any termination liability or receive a credit of 40% of the monthly bill for that central office.

(10) Renewal Options

(a) Modem Based Data Aggregation Service Option 1 - No Growth in Months 37 to 48 of 4 Year Plan or 49 to 60 of 5 Year Plan

At the expiration of the term, the customer may select an additional four year or five year commitment, or convert to a month to month basis. If the customer fails to make a selection, the Telephone Company will notify the customer and continue with an additional month of billing. If the customer does not select a new term agreement within 30 days from the expiration date, billing will automatically continue on a month to month basis. To cancel the agreement after the initial four year term or five year term, the customer must provide written notification to the Telephone Company that the service will be terminated.

(This page filed under Transmittal No. 4.)

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(D) Rate Regulations (Cont'd)

(10) Renewal Options (Cont'd)

(b) Modem Based Data Aggregation Service Option 2 - Convert to 5 Year Rate Plan/Growth in Months 37 to 48 (Iowa Telecom Service Group only) (T)

During the first 36 months of the 4 year rate plan, the customer may enroll in the 5 year rate plan if the customer has reached the 4,000 port tier. Months already completed will be credited toward meeting the 5 year enrollment term commitment. The 5 year renewal option has a requirement of reaching the 12,000 port tier within three months following the renewal letter date. Growth is restricted to the first 48 months of the 5 year rate plan. No growth is permitted in months 49-60. An allowance of a 2% decrease in units (quantified at each quarterly review) will be permitted. If the decline in units exceeds 2%, 50% of the monthly rate will be assessed through month 60 for the number of deficient units (exceeding the 2% decline threshold).

Modem Based Data Aggregation Service Option 2- Growth in Months 37-48 (Iowa Telecom Systems Service Group only) During months 37 through 48, the customer will be allowed to order growth only if the customer is willing to commit to another 2 years of service for all base units and growth units in service at the conclusion of month 48. During months 49 through 72, the number of services in place as of months 48 shall be given a 25% discount. An allowance of a 2% decrease in units will be permitted. If the decline in units exceeds 2%, 50% of the monthly rate will be assessed through month 72 for the number of deficient units (exceeding the 2% decline threshold). Modem Based Data Aggregation Service Option 2 – Growth in Months 37-48 (Iowa Telecom Systems only) (T)

(c) Modem Based Data Aggregation Service Option 3 - Convert to 6 Year Rate Plan (Iowa Telecom Service Group) (T)

During the first 36 months of the 48 month or 48 months of the 60 month commitment, the customer may enroll in the 6 year commitment period rate plan, if the customer has reached the 40,000 port tier. Months already completed from the original enrollment will be credited to meeting the 6 year enrollment commitment. The customer must request this option in writing and provide a copy of the initial enrollment letter or designate the months accumulated under the initial enrollment. The 6 year plan has no growth restrictions in any of the 72 months of the plan.

Modem Based Data Aggregation Service Option 3 - Convert to 6 Year Rate Plan (Iowa Telecom Systems Service Group only) (T)

During the first 36 months of the 48 month commitment, the customer may enroll in the 6 year commitment period rate plan, if the customer has reached the 9,000-10,999 port tier. Months already completed from the original enrollment will be credited to meeting the 6 year enrollment commitment. The customer must request this option in writing and provide a copy of the initial enrollment letter or designate the months accumulated under the initial enrollment. The 6 year plan has no growth restrictions in any of the 72 months of the plan.

(d) Modem Based Data Aggregation Service Option 4 - Convert to 7 Year Rate Plan (Iowa Telecom Service Group only) (T)

During the first 72 months of the 6 year plan, the customer may enroll in the 7 year plan if the customer has reached the 200,000 port tier. Months already completed from prior plan enrollments will be credited to meeting the 7 year enrollment commitment. The customer must request this option in writing and provide a copy of the initial enrollment letter or designate the months accumulated under the initial enrollment. The 7 year plan has no growth restrictions in any of the 84 months of the plan.

(This page filed under Transmittal No. 4)

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(D) Rate Regulations (Cont'd)

(10) Renewal Options (Cont'd)

(e) Router Based Dedicated Data Aggregation Option 1 - No Growth in the Last 6 Months of Initial Term (Iowa Telecom Service Group Only) (T)

At the expiration of the term, the customer may select an additional two, three, or four year commitment or continue billing the rate applicable to the expiring term on a month to month basis. If the customer fails to make a selection, the Telephone Company will notify the customer and continue with an additional month of billing. If the customer does not select a new term agreement within 30 days from the expiration date, billing will continue on a month to month basis. To cancel the agreement after the initial term, the customer must provide written notification to the Telephone Company that the service is to be discontinued.

(f) Router Based Dedicated Data Aggregation Option 2 - Growth in the Last 6 Months of the Selected Term (Iowa Telecom Service Group Only) (T)

During the last six months of the term selected, the customer will be permitted to order growth only if the customer is willing to commit to another 2, 3, or 4 year term for all base units and growth units in service at the conclusion of the last month. An allowance of a 5% decrease in units will be permitted. If the decline in units exceeds 5%, 50% of the 30-59 Serial DS1 access rate will be assessed for the number of deficient units less the 5% allowance.

(11) Termination With Liability

Once the initial TCP/IP channel level or dedicated unit commitment is met, a reduction of quantities from the installed base (determined at each quarterly review) will incur a termination liability of 50% of the remaining monthly payments to the end of the subscribed period.

TCP/IP dial-up, modem and dedicated access services which are discontinued are not held in reserve for customer use at the time of disconnection.

(12) Termination Without Liability

During the customer's subscription period, should the monthly rate for a customer's TCP/IP data aggregation service increase due to Telephone Company action, the customer may at his/her option, terminate the subscription without penalty or liability.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(E) Rates and Charges

(1) Modem Based Data Aggregation Service TCP/IP Access - 4 Year Rate Plan

Combined Analog and ISDN Statewide Channels, Per Month, Per Channel

(USOC)	4,000-7,999 Billed Channels (MBC1X)	8,000-11,999 Billed Channels (MBC2X)	12,000-15,999 Billed Channels (MBCEX)	16,000-23,999 Billed Channels (MBC3X)	24,000-31,999 Billed Channels (MBC4X)
Iowa Telecom	$82.00	$74.00	$72.00	$70.00	$68.00

(USOC)	32,000-39,999 Billed Channels (MBC5X)	40,000 or more Billed Channels (MBC6X)
Iowa Telecom	$66.00	$62.00

Combined Analog and ISDN Statewide Channels, Per Month, Per Channel

500-599 Billed Channels (MBC1X)	1,000-2,999 Billed Channels (MBC2X)	3,000-4,999 Billed Channels (MBC3X)	5,000-6,999 Billed Channels (MBC4X)	7,000-8,999 Billed Channels (MBC5X)	9,000-10,999 Billed Channels (MBC6X)
$82.00	$78.00	$74.00	$70.00	$67.00	$64.00

Iowa Telecom Systems

Combined Analog and ISDN Statewide Channels, Per Month, Per Channel

(USOC)	11,000-39,999 Billed Channels	40,000 or more Billed Channels
Iowa Telecom Systems	NA	NA

* Rates for analog channels only. Combined analog and ISDN channels determine pricing tier. ISDN rates are in 16.5 (E)(5).

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(E) Rates and Charges (Cont'd)

(2) Modem Based Data Aggregation Service TCP/IP Access - 5 Year Rate Plan

Combined Analog and ISDN Statewide Channels, Per Month, Per Channel

(USOC)	8,000-11,999 Billed Channels (MBC1X)	12,000-23,999 Billed Channels (MBC2X)	24,000-39,999 Billed Channels (MBC3X)	40,000 or more Billed Channels (MBC4X)
Iowa Telecom	60.00	59.00	58.00	57.00
Iowa Telecom Systems	NA	NA	NA	NA

(3) Modem Based Data Aggregation Service TCP/IP Access - 6 Year Rate Plan

Combined Analog and ISDN Statewide Channels, Per Month, Per Channel

(USOC)	40,000-59,999 Billed Channels (MBCB6)	60,000-79,999 Billed Channels (MBC26)	80,000-99,999 Billed Channels (MBC36)	100,000-119,999 Billed Channels (MBC46)
Iowa Telecom	55.00	54.00	53.00	52.00

(USOC)	11,000-15,999 Billed Channels (MBCB6)	16,000-22,999 Billed Channels (MBC26)	23,000 or more Billed Channels (MBC36)
Iowa Telecom Systems	54.00	48.00	46.00

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(E) Rates and Charges (Cont'd)

(3) Modem Based Data Aggregation Service TCP/IP Access - 6 Year Rate Plan (Cont'd)

Combined Analog and ISDN Nationwide Channels, Per Month, Per Channel

(USOC)	120,000-139,999 Billed Channels (MBC56)	140,000-159,999 Billed Channels (MBCC6)	160,000-179,999 Billed Channels (MBC76)
Iowa Telecom	51.00	50.00	49.00
Iowa Telecom Systems	NA	NA	NA

Combined Analog and ISDN Nationwide Channels, Per Month, Per Channel

(USOC)	180,000-199,999 Billed Channels (MBC86)	200,000 or more Billed Channels (MBC96)
Iowa Telecom	48.00	46.00
Iowa Telecom Systems	NA	NA

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(E) Rates and Charges (Cont'd)

(4) Modem Based Data Aggregation Service TCP/IP Access - 7 Year Rate Plan

Combined Analog and ISDN Channels, Per Month, Per Channel

(USOC)	200,000-299,999 Billed Channels (MBC17)
Iowa Telecom	46.00
Iowa Telecom Systems	NA

	1st 300,000 Billed Channels			Additional Channels
(USOC)	For 300,000-349,999 (z) Billed Channels, Each (MBC27)	350,000-399,999 Billed Channels, Each (MBC37)	For 400,000 or More Billed Channels, Each (MBC47)	Over 300,000 Billed Channels, Each (MBCZ7)
Iowa Telecom	44.00	42.00	40.00	32.00
Iowa Telecom Systems	NA	NA	NA	NA

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service

(E) Rates and Charges (Cont'd)

(4) Dedicated TCP/IP Access Router Based Dedicated Data Aggregation

(a) Serial DS1 Connections, Each, Per Month

(1) 30-59 Statewide Units

(USOC)	(M1X1X) 2 Year	3 Year	4 Year
Iowa Telecom	1,500.00	1,000.00	800.00
Iowa Telecom Systems	NA	NA	NA

(2) 60-99 Statewide Units

(USOC)	(M1X2X) 2 Year	3 Year	4 Year
Iowa Telecom	1,400.00	900.00	700.00
Iowa Telecom Systems	NA	NA	NA

(3) 100 and Over Statewide Units

(USOC)	(M1X3X) 2 Year	3 Year	4 Year
Iowa Telecom	1,300.00	800.00	600.00
Iowa Telecom Systems	NA	NA	NA

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(E) Rates and Charges (Cont'd)

(4) Dedicated TCP/IP Access Router Based Dedicated Data Aggregation (Cont'd)

(b) HSSI DS3 Connections, Each, Per Month

(1) 30-59 Statewide Units

(USOC)	(M3X1X) 2 Year	3 Year	4 Year
Iowa Telecom	1,800.00	1,200.00	900.00
Iowa Telecom Systems	NA	NA	NA

(2) 60-99 Statewide Units

(USOC)	(M3X2X) 2 Year	3 Year	4 Year
Iowa Telecom	1,700.00	1,100.00	800.00
Iowa Telecom Systems	NA	NA	NA

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(E) Rates and Charges (Cont'd)

(4) Dedicated TCP/IP Access Router Based Dedicated Data Aggregation (Cont'd)

(b) HSSI DS3 Connections, Each, Per Month (Cont'd)

(3) 100 and Over Statewide Units

(USOC)	(M3X3X) 2 Year	3 Year	4 Year
Iowa Telecom	1,550.00	1,000.00	750.00
Iowa Telecom Systems	NA	NA	NA

(This page filed under Transmittal No. 1.)

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(E) Rates and Charges (Cont'd)

(4) Dedicated TCP/IP Access Router Based Dedicated Data Aggregation (Cont'd)

(c) SONET OC3c Connections, Each, Per Month

(1) 30-59 Units

(USOC)	2 Year	(MOX1X) 3 Year	4 Year
Iowa Telecom	2,900.00	1,850.00	1,700.00
Iowa Telecom Systems	NA	NA	NA

(2) 60-99 Units

(USOC)	2 Year	(MOX2X) 3 Year	4 Year
Iowa Telecom	2,700.00	1,700.00	1,300.00
Iowa Telecom Systems	NA	NA	NA

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Data Aggregation Service (Cont'd)

(E) Rates and Charges (Cont'd)

(4) Dedicated TCP/IP Access Router Based Dedicated Data Aggregation (Cont'd)

(c) SONET OC3c Connections, Each, Per Month (Cont'd)

(3) 100 and Over Units

(USOC)	2 Year	(MOX3X) 3 Year	4 Year
Iowa Telecom	2,500.00	1,600.00	1,200.00
Iowa Telecom Systems	NA	NA	NA

(d) Channelized DS3 Connections, Each, Per Month

(1) 30-59 Statewide Units

(USOC)	2 Year	(MHX1X) 3 Year	4 Year
Iowa Telecom	3,600.00	2,250.00	1,700.00
Iowa Telecom Systems	NA	NA	NA

(2) 60-99 Units

(USOC)	2 Year	(MHX2X) 3 Year	4 Year
Iowa Telecom	3,300.00	2,100.00	1,600.00
Iowa Telecom Systems	NA	NA	NA

(3) 100 and Over Statewide Units

(USOC)	2 Year	(MHX3X) 3 Year	4 Year
Iowa Telecom	3,100.00	2,000.00	1,500.00
Iowa Telecom Systems	NA	NA	NA

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Aggregation Service (Cont'd)

(E) Rates and Charges (Cont'd)

(4) Dedicated TCP/IP Access Router Based Dedicated Data Aggregation (Cont'd)

(e) SONET OC12c Connections, Each, Per Month

(1) 30-59 Units

(USOC)	2 Year	(MOR1X) 3 Year	4 Year
Iowa Telecom	3,750.00	2,500.00	2,000.00
Iowa Telecom Systems	NA	NA	NA

(2) 60-99 Units

(USOC)	2 Year	(MOR2X) 3 Year	4 Year
Iowa Telecom	3,500.00	2,350.00	1,800.00
Iowa Telecom Systems	NA	NA	NA

(3) 100 and Over Units

(USOC)	2 Year	(MOR3X) 3 Year	4 Year
Iowa Telecom	3,250.00	2,200.00	1,600.00
Iowa Telecom Systems	NA	NA	NA

(f) Router Based Dedicated Data Aggregation Platform Placement Charge, Per Month

(USOC)	2 Year	(MARPX) 3 Year	4 Year
Iowa Telecom	11,000.00	7,000.00	6,000.00
Iowa Telecom Systems	NA	NA	NA

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.5 TCP/IP Aggregation Service (Cont'd)

(E) Rates and Charges (Cont'd)

(4) Dedicated TCP/IP Access Router Based Dedicated Data Aggregation (Cont'd)

(g) IP Channel Access, Each, Per Month

(1) 30-59 Statewide Units

(USOC)	(MMX1X) 3 Year	4 Year
Iowa Telecom	650.00	600.00
Iowa Telecom Systems	NA	NA

(2) 60-99 Units

(USOC)	(MMX2X) 3 Year	4 Year
Iowa Telecom	450.00	400.00
Iowa Telecom Systems	NA	NA

(3) 100 and Over Statewide Units

(USOC)	(MMX3X) 3 Year	4 Year
Iowa Telecom	375.00	300.00
Iowa Telecom Systems	NA	NA

16.6 (Reserved for Future Use)

16.7 (Reserved for Future Use)

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS

16.6 Digital Subscriber Line Service

General

This section contains the rules and regulations pertaining to the provision of Digital Subscriber Line (DSL) Service. DSL provides high-speed transmission service over existing loop facilities that are also used to provision the customer's local exchange service. The regulations and rates specified herein are in addition to the regulations and rates specified in other sections of this tariff.

ADSL Service

(A) Service Description

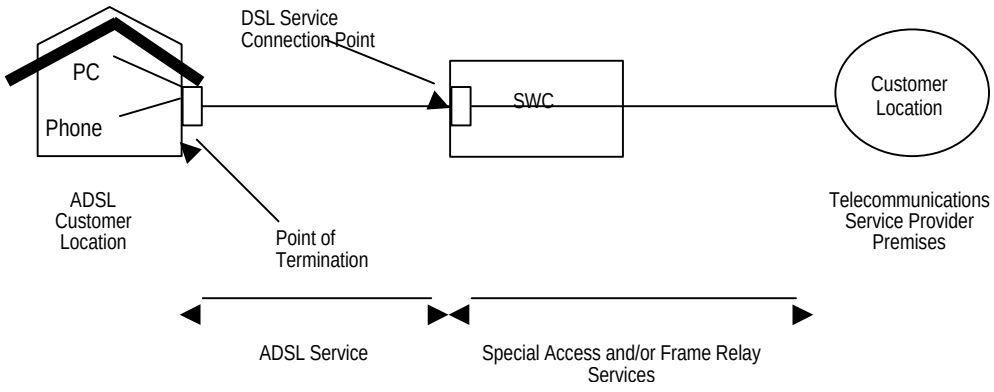
Asymmetrical Digital Subscriber Line (ADSL) service is a retail access data technology offering. The Telephone Company currently offers ADSL service at nominal speed levels of 1.0Mbps down/512 up, 768kbps down/512 up, 512kbps down/256 up, 256kbps down/128 up and 128kbps down/64 up. The "up" speed represents the transmission speed from the customer location (CL) to the Telephone Company's ADSL connection point, while the "down" speed represents transmission speed from the Telephone Company's ADSL connection point to the CL. The connection point is the aggregation point designated by the Telephone Company for connecting multiple Telephone Company serving wire centers of ADSL termination to other Telephone Company provided network interface service. Connections between two ADSL services in the same wire center will be permitted where available. (T) (T)

ADSL Service provides a connection from the customer's location to the ADSL connection point. Access from the Telephone Company's ADSL connection point will be provided via Frame Relay Service where facilities permit. Frame Relay Service is available in Section 16.3 of this tariff. (T)

A generic view of how ADSL service would be interconnected with a telecommunications service provider's network is depicted in the figure following. In this example, the customer's ADSL-equipped serving wire center is designated as a DSL service Connection Point. The customer orders ADSL service pursuant to the provisions specified in this section. The ADSL service customer's telecommunications service provider orders Special Access Service and/or Frame Relay service pursuant to the provisions specified in Section 5, preceding and Section 16, to connect its CL to the DSL service Connection Point. (T)

(T)

ADSL SERVICE



(T)

(This page filed under Transmittal No. 11)

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.6 Digital Subscriber Line Service (Cont'd)

(B) Service Provisioning

The ADSL Channel is provisioned over existing Telephone Company copper facilities and transported to the Telephone Company's backbone network. The ADSL Channel provides a connection from the CL to the ADSL connection point. The ADSL Channel does not include the existing copper facilities. (T)

The rate and charges for the ADSL Channel are in addition to basic local exchange service. A customer who obtains local exchange service from the Telephone Company's local or general exchange tariff may obtain ADSL Channel service utilizing the same copper facilities as the basic local exchange service. The Telephone Company will automatically disconnect the ADSL Channel if an associated local exchange service is disconnected for any reason.

The Telephone Company will qualify the ADSL Service between the CL and the serving wire center. The purpose of qualification is to determine the availability and suitability of existing Telephone Company copper facilities to provide the service. The Telephone Company will not provision this service on facilities that are not suitable for ADSL. (T)

ADSL will be provided subject to the availability and limitation of Telephone Company wire centers and outside plant facilities and is only available where technical capabilities permit. Downstream data rates depend on a number of factors, including but not limited to (1) the distance from the CL to the serving wire center, (2) the type of loop facility, and (3) the physical plant. (T)

(C) Responsibility of the Telephone Company

The Telephone Company will provision and maintain ADSL service for the customer from the Network Interface Device (NID) to the ADSL connection point. The Telephone Company will advise the end user customer of the equipment necessary to support ADSL service.

(D) Responsibility of the Customer

The end user customer is responsible for providing compatible Customer Premises Equipment (CPE) that is used for connection to ADSL service.

The customer is responsible for providing the Telephone Company with the necessary information (e.g. Data Link Connection Identifier(s) (DLCI). Permanent Virtual Circuit (PVC) and/or Internet Protocol) to provision ADSL Service.

The customer ordering ADSL Channel Service on behalf of its subscriber(s) must obtain a letter of agency. The customer will be responsible for obtaining permission from its' subscriber(s) for the Telephone Company's agents or employees to enter the customer's locations at a reasonable hour for the purpose of installing, inspecting, repairing, or upon termination of the service, removing the service components of the Telephone Company. (T)

(E) Rights of the Telephone Company

The Telephone Company will not provision ADSL service if the Telephone Company determines that (a) it is not technically feasible over existing facilities, or (b) it will cause interference problems with existing services.

Equipment at the CL must meet Telephone Company specifications. (T)

The Telephone Company shall not be liable for damage claimed due to interference of the ADSL service with existing customer premises equipment(i.e., security systems, medical signaling devices, etc.)

During the Telephone Company's network maintenance and software update periods, it may be necessary to place the ADSL wire center out of service. The Telephone company reserves the right to temporarily interrupt ADSL Service at other times during emergency situations.

(This page filed under Transmittal No. 11)

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS

16.6 Digital Subscriber Line Service (Cont'd)

(F) Rate Regulations

(1) General

ADSL is available as a retail service. ADSL service arrangements are available as month-to-month, one year, or three year term plans.

(2) Rate Elements

A nonrecurring charge and a monthly rate apply for the installation of ADSL service. A service rearrangement charge is also applicable when making changes, i.e., bandwidth downgrades and changing to a different Information Provider. The service arrangement charge applies on a per service rearrangement basis. A customer may order bandwidth level changes subject to the following conditions:

- Both the existing and new services are provided solely by the Telephone Company.

- The service will be provided at the same customer location as the discontinued service.

- The monthly rates for the new service(s) and/or service elements will be those in effect at the time of the service change.

A nonrecurring charge applies for software changes such as remapping Frame Relay and other software changes associated with ADSL Services. This charge applies on a per software change basis.

ADSL service is available in service level packages, and is based on the downstream and upstream speeds chosen by the customer. Service level packages are defined by the downstream and upstream speeds. Currently available service level packages are:

Package	Downstream	Upstream
ADSL Basic	128Kbps	64Kbps
ADSL Plus	256Kbps	128Kbps
ADSL Performance	512Kbps	256Kbps
ADSL Performance Plus	768Kbps	512Kbps
ADSL Performance Max	1.0Mbps	512Kbps

Data speeds set forth above are peak speeds. Actual speeds may be affected by loop distance and other factors, and are not guaranteed.

(3) Pricing Plan Terms and Conditions

ADSL service may be ordered on a month-to-month basis, one year, or three year term plans. Monthly rates for the entire contract fixed period will be stabilized from Telephone Company-initiated increases, at the rates in effect for the fixed period on the service date. The customer must specify the length of the fixed period at the time the service is ordered. If a rate decrease occurs during a customers' fixed period, the reduced rates will automatically be applied to the remaining term of the fixed period.

At the end of the fixed period, the customer may select a new fixed period, convert to monthly rates (month-to-month) or terminate the service. The rates will be those in effect at the time the new fixed period begins. Should the customer not make a choice at the end of the fixed period, the existing term rates will continue to apply. Nonrecurring charges will not apply.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.6 Digital Subscriber Line Service (Cont'd)

(F) Rate Regulations (Cont'd)

(4) Changes to Rate Plans

Fixed period contract termination liability will be waived when an ADSL customer migrates individual ADSL Channel services to higher downstream ADSL Channel services, at the same address. Service rearrangement nonrecurring charges will apply. The new, higher speed downstream service will continue with the termination liability of the original service, and will be deemed to be continuous service.

Services rated under the month-to-month plan or an existing fixed period rate plan may be upgraded to a fixed period service rate plan at any time the customer chooses, without incurring nonrecurring charges or termination liability. The upgrade will be allowed provided the ADSL channel interface and the CL remain the same. Additionally, the new fixed period service rate plan must meet or exceed the fixed period service rate plan being upgraded. The monthly rates will be those in effect at the time the new fixed period begins. New minimum service periods apply to upgrades in rates plans. (T)

If the customer chooses to change an existing service provided under a fixed period service rate plan to month-to-month billing, the change will be treated as a discontinuance of the existing service and an establishment of new service. Termination Liability, as set forth below, will apply in addition to the new monthly rates for the service.

(5) Discontinuance of Service

If the customer chooses to discontinue all or a portion of the service prior to the expiration of the fixed period service, Termination Liability, as set forth below, will apply.

(6) Termination Liability

When a Term Payment Plan (TPP) arrangement is discontinued prior to the end of the period, termination liability charges, as set forth below, will apply based on the remainder of the period in effect at the time of disconnect.

One year TPP – 50% of any remaining portion of the first year’s recurring charges for the in service quantity.

Three Year TPP – 50% of any remaining portion of the first year’s recurring charges. In addition, for any remaining portion of the second and third years, the customer will be liable for 10% of the total monthly recurring charges in that time period for the in service quantity.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.6 Digital Subscriber Line Service (Cont'd)

(G) Rates and Charges

(1) Standard Arrangements

(a) ADSL Channel, each

	Basic 128Kbps		Plus 256Kbps	
	Nonrecurring Charge	Monthly Rate	Nonrecurring Charge	Monthly Rate
(USOC)	A3015	A3010	A3015	A3011
Jurisdiction				
Iowa Telecom	75.00	20.00	75.00	20.00
Iowa Telecom Systems	75.00	20.00	75.00	20.00

	Performance 512Kpbs			Performance Plus 768Kbps	
	Nonrecurring Charge	Monthly Rate		Nonrecurring Charge	Monthly Rate
(USOC)	A3015	A3012		A3015	A3013
Jurisdiction					
Iowa Telecom	75.00	30.00	(R)	75.00	80.00
Iowa Telecom Systems	75.00	30.00	(R)	75.00	80.00

	Max 1.0Mbps	
	Nonrecurring Charge	Monthly Rate
(USOC)	A3015	A3014
Jurisdiction		
Iowa Telecom	75.00	120.00
Iowa Telecom Systems	75.00	120.00

(b) Service Modification

	Service Rearrangements, each Nonrecurring Charge	Software Changes, each Nonrecurring Charge
(USOC)	A3025	A3026
Jurisdiction		
Iowa Telecom	40.00	6.00
Iowa Telecom Systems	40.00	6.00

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.6 Digital Subscriber Line Service (Cont'd)

(G) Rates and Charges (Cont'd)

(2) Term Payment Plan (TPP)

(a) ADSL Channel, each

Basic 128Kbps

	Nonrecurring Charge	One Year Monthly Rate	Three Year Monthly Rate
(USOC)	A3015	A3033	A3034
Jurisdiction			
Iowa Telecom	75.00	19.00	18.00
Iowa Telecom Systems	75.00	19.00	18.00

Plus 256Kbps

	Nonrecurring Charge	One Year Monthly Rate	Three Year Monthly Rate
(USOC)	A3015	A3035	A3036
Jurisdiction			
Iowa Telecom	75.00	19.00	18.00
Iowa Telecom Systems	75.00	19.00	18.00

Performance 512Kbps

	Nonrecurring Charge	One Year Monthly Rate	Three Year Monthly Rate
(USOC)	A3015	A3027	A3028
Jurisdiction			
Iowa Telecom	75.00	28.00 (R)	26.00 (R)
Iowa Telecom Systems	75.00	28.00 (R)	26.00 (R)

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.6 Digital Subscriber Line Service (Cont'd)

(G) Rates and Charges (Cont'd)

(2) Term Payment Plan (TPP) (Cont'd)

(a) ADSL Channel, each (Cont'd)

Performance Plus 768Kbps

	Nonrecurring Charge	One Year Monthly Rate	Three Year Monthly Rate
(USOC)	A3015	A3029	A3030
Jurisdiction			
Iowa Telecom	75.00	77.00	74.00
Iowa Telecom Systems	75.00	77.00	74.00

Max 1.0Mbps

	Nonrecurring Charge	One Year Monthly Rate	Three Year Monthly Rate
(USOC)	A3015	A3031	A3032
Jurisdiction			
Iowa Telecom	75.00	115.00	110.00
Iowa Telecom Systems	75.00	115.00	110.00

b) Limited ADSL Promotion

During the period March 8, 2003, through September 30, 2003, unless sooner cancelled or changed, a promotion will be offered to end user customers that subscribe to or upgrade to an ADSL Performance (512Kbps down and 256Kbps up) service level package. End user customers who sign a two-year contract will receive the ADSL Performance service level package for a monthly rate of $25.00. The installation charge of $75 will be waived for such customers. Existing end user customers that upgrade from an ADSL Basic or ADSL Plus service level package to the ADSL Performance service level package will be provided the package for a monthly rate of $25.00. The upgrade customers will also be required to sign a two-year contract. The $6.00 software change charge to upgrade their service will be waived. The upgrade will be allowed provided the ADSL channel interface and the CL remain the same. If the customer requests the discontinuance of the ADSL Performance service level package prior to the expiration date of the two year contract, termination liability charges will apply. The customer will be billed 50% of any remaining portion of the contract. This promotion is available on service orders placed during the promotional period, with service scheduled to begin within 15 days of the order date. (C)

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.6 Digital Subscriber Line Service (Cont'd)

(G) Rates and Charges (Cont'd)

(3) ADSL Plus and ADSL Performance Plus Limited Promotion

During the period August 20, 2003, through November 20, 2003, unless sooner cancelled or changed, a promotion will be offered to end user customers that subscribe to or upgrade to an ADSL Plus (256 Kbps down/128 Kbps up) or ADSL Performance Plus (768 Kbps down/512 Kbps up) service level package. The installation charge of $75 will be waived for such customers. End user customers that agree to sign a 6-month contract will receive the ADSL Performance Plus service level package for a monthly rate of $30. Existing customers that upgrade from an ADSL Basic, Plus or Performance service level package to a ADSL Performance Plus service level package and agree to sign a 6 month contract will also receive the ADSL Performance Plus for a monthly rate of $30. The $6.00 software change charge to upgrade their service will be waived. The upgrade will be allowed provided the ADSL channel interface and the CL remain the same. If the customer requests the discontinuance of the ADSL Performance Plus service level package prior to the expiration date of the 6 month contract, termination liability charges will apply. The customer will be billed 50% of any remaining portion of the contract. This promotion is available on service orders placed during the promotional period, with service scheduled to begin within 15 days of the order date.

(4) ADSL Basis, Plus, Performance, Performance Plus and Performance Max Limited Promotion

During the period January 1, 2004, through August 31, 2004, unless sooner cancelled or changed, a promotion will be offered to customers who subscribe to any service level package. The installation charge will be waived for such customers. This promotion is available on service orders placed during the promotional period with serviced scheduled to begin within 15 days of the order date. The $6.00 software change charge to upgrade will be waived for existing end user customers that upgrade to a higher level package during the term of the promotion. The upgrade will be allowed provided the ADSL channel interface and the CL remain the same. (C)

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.6 Digital Subscriber Line Service (Cont'd)

(G) Rates and Charges (Cont'd)

(5) ADSL Performance Plus Limited Promotions

During the period September 28, 2004, through March 27, 2005, unless sooner cancelled or changed, a promotion will be offered to end user customers that subscribe to or upgrade to an ADSL Performance Plus (768 Kbps down/512 Kbps up) service level package. The installation charge of $75.00 will be waived for such customers. End user customers that agree to sign a 6-month contract will receive the ADSL Performance Plus service level package for a monthly rate of $30.00. Current customers subscribing to the ADSL Performance Plus at the standard tariff rate may take advantage of the promotion monthly rate of $30.00. These customers will be required to sign a 6-month contract. If the upgrading customer is subscribing to their current service level package under a term agreement longer than six months, the customer will be required to maintain the longer term with the promotion amount. (C)

Existing customers that upgrade from an ADSL Basic, Plus or Performance service level package to a ADSL Performance Plus service level package and agree to sign a 6-month contract will also receive the ADSL Performance Plus for a monthly rate of $30.00. The $6.00 software change charge to upgrade their service will be waived. The upgrade will be allowed provided the ADSL channel interface and the CL remain the same. If the upgrading customer is subscribing to a current service level package under a term agreement longer than six months, the customer will be required to maintain the longer term with the promotion amount. (C)

At the end of the 6-month contract period, the contract will automatically be renewed for another 6-month contract period for a monthly rate of $30.00. If the customer requests the discontinuance of the ADSL Performance Plus service level package prior to the expiration date of the 6-month contract, termination liability charges will apply. The customer will be billed 50% of any remaining portion of the contract. This promotion is available on service orders placed during the promotional period, with service scheduled to begin within 15 days of the order date.

Vice President-External Affairs
115 South Second Avenue, West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

17. Virtual Interconnection

Virtual interconnection provides: (1) the means to interconnect through fiber optic transport facilities at a meet point within the mutually agreed Telephone Company designated space near the Tipton, IA wire center; and (2) Conversion of optical to electrical signals, as appropriate, to allow interconnection between customer provided transport facilities and other specified interstate Telephone Company service. The provision of this service is limited to the individual case filing described below which was established by the Telephone Company's predecessor, the GTE System Telephone Companies.

Individual Case Filing

Rates and charges for services provided to customer in the Iowa Telecom Systems Service Group on an individual case basis are filed following: (T)

Wire Center	Termination and Description	MTL/NRC MRC	Termination Liability Period
Tipton, IA* IA9901171	Provide virtual interconnection** for customer within the Tipton, IA C.O.	MTL: $0 NRC: $4,000 MRC: $872.93	5 years beginning 11/06/99. Reduces 1/60 for each month in service from that date.

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

18. RESERVED FOR FUTURE USE

(This page filed under Transmittal No. 1.)

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

19. RESERVED FOR FUTURE USE

(This page filed under Transmittal No. 1.)

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

FACILITIES FOR INTERSTATE ACCESS

20. RESERVED FOR FUTURE USE

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

Issued: July 19, 2002

FACILITIES FOR INTERSTATE ACCESS

Suspension of Effective Date

Pursuant to the Order issued by the Federal Communications Commission's Wireline Competition Bureau, Pricing Policy Division, titled In the Matter of Iowa Telecommunications Services, Inc., and bearing DA 02-1732, released July 17, 2002, the tariff materials submitted under Transmittal No. 22 on July 3, 2002, are suspended for a period of five months pending investigation.

The affected revisions appear on the tariff pages listed below.

Page	Revision
2-5	4th
2-5.1	Original
2-6	3rd
2-12	3rd
2-13	3rd
2-52	2nd
2-53	1st

(This page filed under Transmittal No. 23)

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

Issued: April 11, 2003

FACILITIES FOR INTERSTATE ACCESS

Suspension of Effective Date

Pursuant to the Order issued by the Federal Communications Commission's Wireline Competition Bureau, Pricing Policy Division and bearing DA 03-1103, released April 8, 2002, Iowa Telecommunications Services, Inc. hereby suspends for one day the effective date of the tariff material submitted under Transmittal No. 31, from April 8, 2003 to April 9, 2003.

The following tariff pages are affected by this supplement:

Page	Revision
3-8	1st
4-126	1st
4-131	1st
4-132	2nd
4-133	2nd
4-134	1st
4-137	1st
4-139	2nd
4-140	1st
4-141	1st
4-149	1st
6-3	1st
6-4	1st
6-5	1st

(This page filed under Transmittal No. 32)

Vice President-External Affairs
115 South Second Avenue West
Newton, Iowa 50208

Issued: July 8, 2003

FACILITIES FOR INTERSTATE ACCESS

Suspension of Effective Date

Pursuant to the Order of the Wireline Competition Bureau, *In the Matter of July 1, 2003 Annual Access Charge Tariff Filings*, WCB/Pricing 03-15, *Order*, DA 03-2118 (Wireline Competition Bur., rel. June 30, 2003), the effective date of the tariff materials submitted under Iowa Telecom's Transmittal No. 35, filed on June 16, 2003, contained on the following pages, is advanced to June 30, 2003, and then suspended for one day, to July 1, 2003.

Page	Revision No.	Page	Revision No.
1	34th	5-233	2nd
2	11th	5-234	1st
3	20th	5-235	1st
5-62	1st	5-236	1st
5-73	2nd	5-240	1st
5-83	3rd	5-241	1st
5-88	2nd	5-251	2nd
5-89	2nd	5-255	2nd
5-90	1st	5-260	1st
5-98	1st	11-10	1st
5-99	2nd	11-11	1st
5-100	2nd	12-15	5th
5-101	2nd	13-5	13th
5-102	2nd		
5-104	1st		
5-179	2nd		
5-180	2nd		
5-188	1st		
5-189	1st		
5-190	1st		
5-191	1st		
5-221	2nd		
5-222	2nd		
5-223	2nd		
5-224	2nd		
5-231	2nd		
5-232	2nd		

(This page filed under Transmittal No. 36)

Vice President-External Affairs
115 South Second Avenue, West
Newton, Iowa 50208